Date

Approved for use through 04/30/2003. OMB 0651-0032
U.S. Patent and Trademark Office. U.S. DEPARTMENT OF COMMERCE Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control numbe Attorney Docket No. UTILITY PATENT APPLICATION First Inventor TRANSMITTAL Title (Only for new nonprovisional applications under 37 CFR 1.53(b)) Express Mail Label No. Commissioner for Patents APPLICATION ELEMENTS ADDRESS TO: Mail Stop Patent Application P.O. Box 1450 Alexandria VA 22313-1450 See MPEP chapter 600 concerning utility patent application contents. 1. Fee Transmittal Form (e.g., PTO/SB/17) 7. CD-ROM or CD-R in duplicate, large table or Submit an original and a duplicate for fee processing) Computer Program (Appendix) Applicant claims small entity status. Nucleotide and/or Amino Acid Sequence Submission See 37 CFR 1.27. (if applicable, all necessary) 3. Computer Reader Form (CRF) Specification [Total Pages (preferred arrangement set forth below) Descriptive title of the invention Specification Sequence Listing on: b. Cross Reference to Related Applications Statement Regarding Fed sponsored R & D CD-ROM or CD-R (2 copies); or - Reference to sequence listing, a table, or a computer program listing appendix Background of the Invention Brief Summary of the Invention Statements verifying identity of above copies Brief Description of the Drawings (if filed) **Detailed Description** ACCOMPANYING APPLICATION PARTS Claim(s) Abstract of the Disclosure Assignment Papers (cover sheet & document(s)) 4. Drawing(s) (35 U.S.C. 113) [Total Sheets 37 CFR 3.73(b) Statement Power of (when there is an assignee) Attorney 5. Oath or Declaration [Total a. Newly executed (original or copy) [Total Sheets English Translation Document (if applicable) Copies of IDS Information Disclosure Statement (IDS)/PTO-1499 Citations Copy from a prior application (37 CFR 1.63(d)) 13. L Preliminary Amendment (for continuation/divisional with Box 18 completed) Return Receipt Postcard (MPEP 503) (Should be specifically itemized) **DELETION OF INVENTOR(S)** 15. 📖 Certified Copy of Priority Document(s) Signed statement attached deleting inventor(s) name in the prior application, see 37 CFR (if foreign priority is claimed) Nonpublication Request under 35 U.S.C. 122 16. L 1.63(d)(2) and 1.33(b). (b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent. 6. Application Data Sheet. See 37 CFR 1.76 17. Other: 18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in an Application Data Sheet under 37 CFR 1.76: Continuation-in-part (CIP) Continuation Divisional of prior application No.: Prior application information:

Examiner ______ Art Unit: _____
For CONTINUATION OF DIVISIONAL APPS only; The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts. 19. CORRESPONDENCE ADDRESS Customer Number or Bar Code Label OR Correspondence address below (Insert Customer No. or Attach bar code label here) Name RD., MIDWAY, SWADI Address City Zip Code Country Telephone Fax 61283 Registration No. (Attorney/Agent) Name (Print/Type)

This collection of information is required by 37 CFR 1.53(1) the information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this rand/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND T: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Signature

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



PTO/SB/17 (05-03) Approved for use through 04/30/2003. OMB 0651-0032 S U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE Inder the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number Complete if Known **FEE TRANSMITTAL Application Number** Filing Date for FY 2003 peter t First Named Inventor Effective 01/01/2003. Patent fees are subject to annual revision. **Examiner Name** Applicant claims small entity status. See 37 CFR 1.27 Art Unit TOTAL AMOUNT OF PAYMENT Attorney Docket No METHOD OF PAYMENT (check all that apply) FEE CALCULATION (continued) Money Order 3. ADDITIONAL FEES Check Credit card Other None _arge Entity 1 Small Entity Deposit Account: Fee Description Deposit Code Code (\$) Fee Paid Account 1051 130 2051 Surcharge - tate filing fee or oath 65 Numbe Deposit 1052 50 2052 25 Surcharge - late provisional filing fee or cover sheet Name 1053 130 1053 130 Non-English specification The Director is authorized to: (check all that apply) 1812 2,520 For filing a request for ex parte reexamination 1812 2,520 Charge fee(s) indicated below Credit any overpayments 1804 920 1804 920* Requesting publication of SIR prior to Charge any additional fee(s) during the pendency of this application Examiner action Charge fee(s) indicated below, except for the filing fee 1805 1.840 1805 1.8401 Requesting publication of SIR after to the above-identified deposit account Examiner action 1251 110 2251 55 Extension for reply within first month **FEE CALCULATION** 410 2252 Extension for reply within second month 1252 205 1. BASIC FILING FEE 1253 930 2253 465 Extension for reply within third month arge Entity Small Entity Fee Paid ee Fee Code (\$) Fee Description Fee Fee Code (\$) 1254 1,450 2254 725 Extension for reply within fourth month 1255 1,970 2255 Extension for reply within fifth month 1001 750 2001 375 Utility filing fee 1401 320 2401 1002 330 2002 165 Design filing fee 160 Notice of Appeal 320 160 Filing a brief in support of an appeal 1003 520 2003 260 Plant filing fee 1402 2402 140 Request for oral hearing 1004 750 2004 375 Reissue filing fee 1403 280 2403 1005 160 2005 80 Provisional filing fee 1451 1,510 1451 1,510 Petition to institute a public use proceeding 1452 110 2452 55 Petition to revive - unavoidable SUBTOTAL (1) (\$) 1453 1,300 2453 650 Petition to revive - unintentional 2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE 1501 1,300 2501 650 Utility issue fee (or reissue) 1502 470 2502 235 Design issue fee **Total Claims** 1503 630 2503 315 Plant issue fee Independent 1460 130 1460 130 Petitions to the Commissioner Multiple Dependent 1807 50 1807 50 Processing fee under 37 CFR 1,17(g) arge Entity Small Entity 1806 180 180 Submission of Information Disclosure Stmt 1806 Fee Description Fee Fee Code (\$) 40 Recording each patent assignment per Code (\$) 40 8021 8021 property (times number of properties) 1202 Claims in excess of 20 2202 9 18 375 Filing a submission after final rejection (37 CFR 1.129(a)) 1809 750 2809 1201 84 42 Independent claims in excess of 3 2201 1203 280 Multiple dependent claim, if not paid 2203 140 375 For each additional invention to be examined (37 CFR 1.129(b)) 1810 750 2810 Reissue independent claims 1204 84 2204 42 over original patent 1801 750 2801 Request for Continued Examination (RCE) 1205 2205 ** Reissue claims in excess of 20 1802 900 1802 Request for expedited examination 18 9 of a design and over original patent Other fee (specify) REQUEST SUBTOTAL (2) (\$) *Reduced by Basic Filing Fee Paid SUBTOTAL (3) **or number previously paid, if greater; For Reissues, see above

SUBMITTED BY

Name (Print/Type)

Signature

(Complete (if applicable)

Telephone UK (01283) 218 233

Attorney/Agent)

Date 3 0/ 06/ 03

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This collection of information is required by 37 CFR 1.17 and 1.27. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.